

# Receiving Report

Date: 13/7/9

Batch No: M126287

Supplier: CAMP

Dart P/O: 19788

Packing Slip: Yes ☒ No ☐  
 Invoice: Yes ☐ No ☒  
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐  
 Waybill Attached: Yes ☐ No ☒  
 Shipment Complete: Yes ☒ No ☐ N/A ☐  
 QC6 Inspection ☒ 2MB07-10 N/A ☐  
 Work Order ☐ N/A ☒

## Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 [Signature]

Production/Admin: 13/12/5  
 Date [Signature]  
 Received/Costing [Signature]  
 Initial [Signature]

Location

## Page 1 of 1

All amounts are calculated in domestic currency.

ALL Vendors PO ID PO19788 Receipt Dates from 7/9/2013 to 7/9/2013

All Item ID/GL/WOs	All Rec. Employees	All Currencies

Grouped by Vendor ID

[illegible]



**Certification**

**Order Number**

**806775**

Customer: 00000226

Shipped To:

Customer Purchase Order No.	Customer Shipper No.	Material Type	Mat'l Heat Code	Lot Number
2128-SH		4140		
Process: NORMALIZE				

Test Desc	Specified	Qty Tested	Test Results	Qty Accepted	Qty Rejected
		0	PROCESS	0	0

Line#	Quantity	Weight	Part Number/Description	Revision ID
1	1	46.0	1.50" X 1.50" X 72.00"	
2	0	0.0	HEAT: 8097405	
3	0	0.0		
4	0	0.0	HT TO NORMALIZED COND.	

Operation	Spec Temp	Spec Time	Furnace#	Atmos	Q-Media	Start Date	Time At Heat	Time Out	Date Complete
WT/CT/INSP	0								
PRE CLEAN	0								
NORMALIZE	1650	1:00	T6	AIR	A/C				
FINAL INSP	0								05/28/2013

**COMMENTS**

<i>Donna Faith</i> 	Date Signed: May 28, 2013
DONNA FAITH Q.A. ASST.	

**PARTS WERE PROCESSED IN A MERCURY FREE ENVIRONMENT**

MilSpec Heat Treating, Inc. certifies that the material above has been processed in accordance with the listed specifications, and that all information provided is true and accurate. The hardnesses indicated represent the parts in their present state of completion.

**MILSPEC HEAT TREATING, INC.**  
 5882 Research Drive • Huntington Beach, CA 92649-1615  
 Tel: (714)893-8188 • Fax: (714)893-8870

**Certification****Order Number****806188**

Customer: 00000226

Shipped To:

Customer Purchase Order No.	Customer Shipper No.	Material Type	Mat'l Heat Code	Lot Number
2105-SH		4140		
Process: NORMALIZE				

Test Desc	Specified	Qty Tested	Test Results	Qty Accepted	Qty Rejected
		0	PROCESS	0	0

Line#	Quantity	Weight	Part Number/Description	Revision ID
1	1	46.0	1.50" X 1.50" X 72.00"	
2	0	0.0	HEAT: 8097405	
3	0	0.0		
4	0	0.0	HT TO NORMALIZED COND.	

Operation	Spec Temp	Spec Time	Furnace#	Atmos	Q-Media	Start Date	TimeAtHeat	Time Out	Date Complete
WT/CT/INSP	0								
PRE CLEAN	0								
NORMALIZE	1650	1:00	T6	AIR	A/C				
FINAL INSP	0								05/15/2013

**COMMENTS**

*Donna Faith*   
 DONNA FAITH Q.A. ASST. Date Signed: May 15, 2013

**PARTS WERE PROCESSED IN A MERCURY FREE ENVIRONMENT**

MilSpec Heat Treating, Inc. certifies that the material above has been processed in accordance with the listed specifications, and that all information provided is true and accurate. The hardnesses indicated represent the parts in their present state of completion.



> Could you please quote?

> Let me know if you need any more information.

Thank you!

# Republic

156 CATHAM STREET  
PHOEN: 330-438-5844

HAMILTON, ONTARIO CANADA L8P 2P7  
FAX: 330-438-5496

## CERTIFICATE OF TESTS

## REPUBLIC ENGINEERED PRODUCTS

August 9, 2011

PAGE 1

OF 2

PURCHASE ORD: 46464-4  
PART NUMBER: 87 51530  
ORDER NUMBER: 1478494 - 01  
HEAT: 8097405  
CHARGE ADDRESS

PURCHASE ORDER DATE: 2/16/2011  
ACCOUNT NUMBER: 5323-1291-01  
SCHEDULE: 9159-03  
REVISION: 1

SHIP TO

### MATERIAL DESCRIPTION

COLD FINISHED STEEL BARS ALLOY ASTM A108-07 LEVEL 1 FG ASTM A331-95 FG AMS 6382N (CP) AMS S 5626  
COND C-4 REVISION ISS 12/98 EXC PARA 4.3.184.12.1 & MARK MIL S 5626C & AMD 1 COND C-4 EXC MARK &  
PARA 4.3.184.12.1 WAIVED AMS 2301K AMS 2304B REVISION DTD 08-10 AMS 6349C EXC THERMAL TREATMENT  
EF-AISI-4140 FINE GRAIN VACUUM DEGAUSS AIRCRAFT QUALITY COLD DRAWN ANN BEFORE CD  
SIZE: SQR 1.5000 X 1.5000 X 11FT 0.0000IN MIN/ 13FT 0.0000IN MAX  
SQR 38.1000MM X 38.1000MM X 3352.8000MM MIN/ 3962.4000MM MAX

### LADLE CHEMISTRY %

C	MN	P	S	SI	CU	NI	CR
0.40	0.87	0.010	0.005	0.22	0.21	0.18	0.96
V	MO	SN	AL	CB	CA	N	
0.003	0.21	0.008	0.041	0.000	0.0001	0.0085	

### CALCULATED TESTS

REDUCTION RATIO 87.8 TO 1

AUSTENITIC GRAIN SIZE 5 OR FINER BASED ON A TOTAL ALUMINUM CONTENT EQUAL TO OR GREATER THAN .020% PER  
ASTM A29.

### SEMI - FINISHED RESULTS

#### JOHNSON HARDNESS TEST

SAE J406/ASTM A255

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 18 20 22 24 26 28 30 32  
57 57 57 56 56 56 56 56 55 54 54 53 51 50 48 47 45 44 42 40 39 39 37 37

#### MACRO ETCH TEST

ASTM E381/MIL STD 430

ETCHANT: HCL TEMPERATURE: 170

AVG S R C  
1 1 1

#### MAGNETIC PARTICLE TEST

AMS 2301 AMS2304 AMS2300

IND AVG IND AVG

FREQ FREQ SEV SEV

PCE 03 0 0 0 0

#### MAGNETIC PARTICLE TEST

AMS 2301 AMS2304 AMS2300

IND AVG IND AVG

FREQ FREQ SEV SEV

PCE 03 0 0 0 0

### FINISHED SIZE RESULTS

#### DECARBURIZATION TEST

SAE J419/ASTM E1077/JIS G0558

ETCHANT = NITAL MAGNIFICATION = 100X

TOTAL

DEPTH

INCHES

M. J. EBERTH  
GEN. MGR. COLD FINISHED BAR PRODUCTS DIV.

BY GREGG BOAL

A.G.M. 305-1 KNICKERBOCKER AVE  
BOHEMIA N.Y. 11716  
CERTIFIES THAT THIS IS  
A TRUE COPY OF THE ORIGINAL MILL TEST  
REPORT NOW ON FILE  
RECEIVED AND INSPECTED

Date: 5/27/17

P: 631-286-8570

F: 631-286-8583

BY

Sean Hall - QC Manager



155 CATHAM STREET  
PHONE: 330-438-5594

HAMILTON, ONTARIO CANADA L8P2R7  
FAX: 330-438-5595

CERTIFICATE OF TESTS

REPUBLIC ENGINEERED PRODUCTS

August 9, 2011  
PAGE 2

OF 2

PURCHASE ORD: 46464-4  
PART NUMBER: S# 51530  
ORDER NUMBER: 1478494 - 01  
HEAT: 8097405  
PCE 01 0.012

PURCHASE ORDER DATE: 2/16/2011  
ACCOUNT NUMBER: 5323-1291-01  
SCHEDULE: 9159-03  
REVISION: 1

HARDNESS TEST ASTM E10/ASTM A370 HBW AS-RLD/CD HBW  
SURFACE  
PCE 01 202

FINISHED SIZE RESULTS (CONTINUED)  
HARDNESS TEST ASTM E10/ASTM A370 HBW (CONTINUED)

SURFACE  
PCE 02 202  
PCE 03 202  
PCE 04 202  
PCE 05 202

NOTES

REPUBLIC ENGINEERED PRODUCTS HEREBY CERTIFY THAT THE MATERIAL LISTED HEREIN HAS BEEN INSPECTED AND TESTED IN ACCORDANCE WITH THE METHODS PRESCRIBED IN THE GOVERNING SPECIFICATIONS AND BASED UPON THE RESULTS OF SUCH INSPECTION AND TESTING HAS BEEN APPROVED FOR CONFORMANCE TO THE SPECIFICATIONS.

CERTIFICATE OF TESTS SHALL NOT BE REPRODUCED EXCEPT IN FULL.

ALL TESTING HAS BEEN PERFORMED USING THE CURRENT REVISION OF THE TESTING SPECIFICATIONS.

RECORDING OF FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FED STATUTES TITLE 18 CHAPTER 47.

THE MATERIAL WAS NOT EXPOSED TO MERCURY OR ANY METAL ALLOY THAT IS LIQUID AT AMBIENT TEMPERATURE DURING PROCESSING OR WHILE IN OUR POSSESSION.

NO WELD OR WELD REPAIR WAS PERFORMED ON THIS MATERIAL.

THE RESULTS REPORTED RELATE ONLY TO THE ITEMS TESTED

MELTED IN THE U.S.A. AND MANUFACTURED IN THE U.S.A. OR CANADA.

SOURCE INFORMATION

MELT SOURCE: CANTON CAST ROLL MELT COUNTRY: U.S.A  
MELT METHOD: EF BLOOM RED. RATIO: 57.8

END OF DATA CC END OF DATA  
FILE 1 COPY

A.G.M. 305-1 KNICKERBOCKER AVE  
BOHEMIA N.Y. 11716  
CERTIFIES THAT THIS IS  
A TRUE COPY OF THE ORIGINAL MILL TEST  
REPORT NOW ON FILE  
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Date: 8/27/13  
P: 631-286-8570  
F: 631-286-8583

BY

Sean Hall - QC Manager

M. J. EBERTH  
GEN. MGR. COLD FINISHED BAR PRODUCTS DIV.

BY GUEFF BOAL



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO19788

Purchase Order Date 5/06/13

PO Print Date 5/06/13

Page Number 1 of 1

Order From :

VC-CAM002

CAMPI STEEL  
935 BOUL. DU HAVRE  
VALLEYFIELD, QC J6S 5L1  
CA

Contact Name

Vendor Phone

800 667 4248

Vendor Fax

450 377 5696

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAXED**  
5/13/0502

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M4140N-B1.500X1.5000	4140 Steel Bar 1.50 x 1.50	5/17/13 Yes	12.00 f	Yours ppd	\$91.6666	\$1,100.00

Special Inst: MATERIAL: AISI 4140N STEEL BAR AS  
PER  
MIL-S-5626, AMS 6382, AMS6349, AMS  
6529

PO Total:

\$1,100.00

**MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY**

Change Nbr: 1

Change Date: 5/06/13

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required **YES** NO